Work Orde		077		*810	77*							Page 1
Itera ID: Revision ID: Item Name:	D412-742-0 Float Skidtube			Accept	*N900	040	100)*	Setup	Start Stop	1 3	S1* S2*
	08/03/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item 1 Customer:	ID:					- IX	
Approvals:		in: MLJ	•			ate:			Run	Start Stop	*N	R1* R2*
Sequence ID/ Work Center ID)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp.
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		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
12/04/13	一本	Missing Parts From IXW instruction Parts List to w/o Pich List. R.C. wood Born exects incredly	17/04/13 007647	ADD MISSING PART AS Kit AN4C47A BILL M. 19798. Oh x4	Pe	5 12 km/13		Sizlaliz
			[2/04/13 052042	ADD COPY of Bon for Ref	n.	04.16	12104113 007242	5 17/12/13
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Work Ord "March-08-12 8		077		*810	777*							Page 2
Item ID: Revision ID:	D412-742-0	13		Accept	*N9(1004 0	110	N *	Setup	Start	*N	S1*
Item Name:	Float Skidtube	e Installation								Stop	*N	S2*
Start Date: Required Date: Reference:	08/03/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust It Custor	tem ID: ner:						
Approvals:	Process Pla	in:	Date:	Tooling:		Date:	- ~		Run	Start	*N	R1*
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Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool	ID Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
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Picklist Print													Page 1
Work Order ID: 8			*	81077	 7*								1
Parent Item: D Parent Item Name:	412-742-013 Float Skidtube Inst	allation			- 74 2-0	13*			Start Date: Start Qty:	08/03/2012 1.00		red Date: 22/03	/2012
Comments:	IPP Rev: A05.10.13 IPP Rev:B 06-06 07-12-03 ECN II IPP Rev:D 08-09 IPP Rev:E 09-01 AN4C7A DD 10.0 DS19517 REV.B D REV.E DD VERI	5-08 As per DSI 072 DD ver 0-08 ecn 08-510 -23 as per DSI94 01.13 verified by: DD verified by:EC	erified b DD ve 141 DE EC	by:JLM crified by:EC overified by: IPP I	IPP Re EC IPP Re Rev:G 11.11.01 .01.12 PER III	vF: add as per					2274		
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per	Kit Total Qty	l Qty Issued	Date S	tatus
D412-742-043 *D412-742 Replacement Float Skidtr	12-043*	Manufactured	No			110	Each	0.0000	<u> </u>	1	79959		
D2571 *D2571* Saddle, Fwd Out 205	uoc	Manufactured	No			110	Each	10.0000	† 1 **	1 808	28 J	В	
,				<u>Location</u>	1	Loc	Otv	Loc Code			•		!- -
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D2572		Manufactured	No			110	Each	6.0000	-1	1	V		
> *D2572* Saddle, Fwd In 205									**	8078	3 J B	12/	
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	Re	solution:	Disposition	on:	QA:	N/C Clo	sed:		Date: _	
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Work Order ID: 81077 Parent Item: D412-742-013 Parent Item Name: Float Skidtube Installation	*81077* *D412-742	-013*	Start Date: 08/03/2012 Start Qty: 1.00	Required Date: 22/03/2012 Required Qty: 1.00
D2573 Manufa *D2573* Saddle, Aft Out 205	nctured No	110 Each	0.0000 ** {	B91221 \$
	<u>Location</u>	Loc Qty	Loc Code	1
	ST423	-12		
	79424	0		_
1	ST434	12		
D2574 * Manufa *D2574* Saddle, Aft In 205	ctured No	110 Each	0.0000 (1) 1 ** B S	200
D2876 *D2876* Saddle Spacer Manufa	ctured ^{No}	110 Each	103.0000 · 2 2 **	JB P
	<u>Location</u>	Loc Qty	Loc Code	//
	ST020	102		
	79693	102	7969	3
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/D2877	76949	1	;- '	$ \mathcal{A}$
D2877 Manufac	ctured No	110 Each	53.0000 2 2	The state of the s
Saddle Spacer			**	20 12/04/04

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Work Order ID: 81077	Picklist Print March-08-12 8:41:44 AM										Page 3
D3403-1	Parent Item: D412-742-013	ation			13*						
Location Loc Orc Loc Code ST041 15 15 15 15 15 15 15	~*D3403-1*	Manufactured	No		110	Each	107.0000	-	8	<i>∨</i>	51
D3403-5 *\D3403-5* Bushing Location Loc Otv Loc Code	·			ST041 70696 ST042 80208	<u>Lo</u>	15 15 92 40	Loc Code	E	\$0708	- 	
D2747 Manufactured No 110 Each 154,0000 4 4 4 4 4 4 4 4 4	(*D3403-5*	Manufactured	No		110			• • • •	8	JB	4
**D2747* Set Screw Location Loc Otv Loc Code ST017 154 77484 54 79520 100 **D3533-1 **D3533-1 ** Set Screw Location Loc Otv Loc Code ST053 90 ST054 90 ST055 90 ST056 90 ST057 90 ST057				ST042 79740	<u>Lo</u>	79 47	Loc Code		19 7 40	- -	*
Location Loc Oty Loc Code ST017 154 77484 54 79520 100 79520 100 2 2 2 3 3 3 3 3	*D2747*	Manufactured	No	6	110	Each		4 ★★	4	JB_	
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77611 8 <u></u>	Set Screw			ST053 ST054	<u>Loc</u>	90 90 8	Loc Code		86336		

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→ B3672-3	Manuelantunad	No		120423	110	50 E1-	707.0000		1204	2 9	^
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D3672-3								**	81870	JB	
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				64176		180				_	
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~WASHER ↓											
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Work Order ID: 81077

D412-742-013

Parent Item Name: Float Skidtube Installation

Parent Item:

81077

D412-742-013

Start Date: 08/03/2012

Required Date: 22/03/2012

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Required Qty: 1.00

Start Qty: 1.00

Manufactured No

Manufactured

No

110

18.0000

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	66847		9
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Location	Loc Qty	Loc Code	
FG	7		
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ST034	16		
77486	16		
ST044	66		
66848	3		_
71165	2		
73493	11		
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Picklist Print March-08-12 8:41:44 AM									Page 9
Work Order ID: 81077 Parent Item: D412-742-013 Parent Item Name: Float Skidtub	oe Installation		1077* 9412-742-0	013*		Start Date: Start Qty:		Required D	ate: 22/03/2012
AN3C37A *AN3C37A*	Purchased	No		110	Each	178.0000 I		2 4 B	
			Location ST354 116874 117010 118709 119324 120308 120422 120731	<u>L</u>	178 11 2 15 25 25 50 50	Loc Code	12042	<i>a</i>	
AN3C40A	Purchased	No		110	Each	49.0000 1 **	1 0	2.0	30
			Location ST354 112454 114442	<u>L</u> (49 5 44	Loc Code	114442	y	
AN3C41A BOLT	Purchased	No		110	Each	144.0000 I **	12/067	13	\$ 0
			Location FG 103324 ST354 119324 119530 119673 120753	Lo	4 4 140 16 44 50 30	<u>Loc Code</u>			12/04/0

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Pickhist Print March-08-12 8:41:44 AM										Page 1
Work Order ID: 81077 Parent Item: D412-742-013			1077* 1412-742-0	13*	····					
Parent Item Name: Float Skidtube Inst	tallation						art Date: 0 tart Qty: 1		Required Date Required Qty	
*AN3C42A *BOLT	Purchased	No		110	Each	47.0000	1 **	1 1	JB	
\$			<u>Location</u>	Lo	oc Qty	Loc Code			V	
			ST354 106176		47 1			-		
			118131		2					
			119673 120464		19 25			119673		
AN3C43A	Purchased	No	120404	110	Each	169.0000	. 4	, <u>4</u>	i/	
AN3C43A							**	. ,	JB.	
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			ST354 114455 119673 120364 120465		169 2 1 66 100		,	120364		ſ
*AN3C46A *BOLT	Purchased	No		110	Each	85.0000	**	5	JB	S
San Alexander			Location	<u>Lo</u>	c Qty	Loc Code				
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AN960C10L NAS1149C0332	Purchased	No		110	Each	0.0000	26	26		2
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	R	esolution:	Disposition	QA: N/C C					
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NC	R)			
DATE	CTED	Description of NC	Description of NC Corrective Action Sec			Verific	Verification Approva		l Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Secti	on C	Chief Eng	QC Inspector
12									·

March-08-12 8:41:44 AM

Work Order ID: 81077

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation

81077

D412-742-013

Start Date: 08/03/2012

Required Date: 22/03/2012

Start Qty: 1.00

Required Qty: 1.00

MS21043-3 *MS21043-3*

Purchased No 110

999.0000

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<u>Location</u>	Loc Qty	Loc Code	
FG	72		
103691	72		
GA	350		
120693	350		
ST300	84		
119901	84		
ST301	493		
118077	2		
118614	441		118614
118686	30		
119758	20		

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12/04/04

Dart Ae	rospace	e Ltd								
W/O:			WO	RK ORDER CHANGES	3					
DATE	STEP	PRO	PROCEDURE CHANGE			Date Qt	y Approval Chief Eng / Prod Mgr	Approval QC Inspector		
								,		
<u>.</u>										
*										
			4.1 14.1							
Part No	;	PAR #:	PAR #: Fault Category:			NCR: Yes No DQA: Date:				
	R	esolution:	Disposition	:	QA: N/C Clo	sed:	Date: _	· · · · · · · · · · · · · · · · · · ·		
NCR:		<u> </u>	R NON-CONFORMAN	MANCE (NCR)						
		Description of NC	Corrective Action		Section B		n Approval	val Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verificatio Section C	Chief Eng	QC Inspector		
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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. E AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 4

REF. FAA STC: SR01583SE REF. CANADIAN STC: SH05-37 REF. EASA STC: EASA.IM.R.S.01126

PURPOSE

For D412-742-011/-013 Float Skidtube Installations, qty(4) AN4C53A bolts may be replaced with qty(4) AN4C52A bolts. Kits may be supplied from Dart with either AN4C52A or AN4C53A bolts.

Note that it is acceptable to use longer or shorter AN4C bolts than those specified, as long as there is a minimum of 1.5 threads in safety.

CHANGE

The parts lists of Installation Instructions IIN-D412-742 Rev. E and Instructions for Continued Airworthiness ICA-D412-742 Rev. 4 is amended as follows:

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List (IIN-D412-742)32.18 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List (ICA-D412-742)

	Qty -015	Part Number	Description
<u> </u>		D412-742-011	FLOAT SKIDTUBE INSTALLATION

IS:

49B	4	!!	AN4C53A	BOLT
1			I-WIAACOOV	BOLI
1			OD ANIACESA	l l
			OR AN4C52A	

WAS:

49B 4	43440504	
1490 4	I I AN4C53A	BOLT
	1,21,000,1	

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List (IIN-D412-742)32.19 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List (ICA-D412-742)

		Qty -043	Part Number	Description
L	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION

IS:

49E	4	AN4C53A	BOLT
		 OR AN4C52A	
	_		

WAS:

		T		
49E	4	AN4C53A	BOLT	

	,							
A	NEW I	SSUE	<u> </u>	CP	12.02.28			
REV.			DESCRIPTION	BY	DATE			
DESIGN		92	DART AEROSPAC	DART AEROSPACE USA, INC				
DRAWN 92			KENT, WA		,,			
CHECKE	ED .	4	DRAWING NO.		REV. A			
MFG. AF	PPR.	N/A	DSI 9600		SHEET 1 OF 1			
APPRO\	/ED	(MA)	TITLE		SCALE			
DE APP	₹.		BOLT SUBSTITUTION		NTS			
DATE	12.0	2.28	COPYRIGHT @ 2012 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE OUTPESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OF COPED OR COMMERCIAL TO ANY OTHER PERSON WITHOUT WITHTEN PERSONSIEN FROM DART AEROSPACE USA, DIC.					

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5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List

ltem	Qty -013	Qty -043	Part Number	Description
	X		D412-742-013	FLOAT SKIDTUBE INSTALLATION
_ /	1	X	D412-742-043	FLOAT SKIDTUBE
		1	D3391-043	412 FLOAT SKIDTUBE
_1		*24	*AN3C4A	*BOLT
3		*10	*AN3C6A	*BOLT
4		*4	*AN3C7A	*BOLT
5		*38	*AN960C10L	*WASHER
21		*1	*D4095-041	*WEARSHOE (REPLACES D3564-1)
22		*1	*D4095-043	*WEARSHOE (REPLACES D3564-3)
23		*1	*D4095-045	*WEARSHOE (REPLACES D3564-5)
10		*1	*D3391-021	*412 FORWARD TUBE
11		**1	**D3401-041	**TOW CAP
12A		**10	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB166)
13		**10	**AN3C4A	**BOLT
14A		**4	**D3672-1	**WASHER (REPLACES NAS1515H3L)
14B		**10	**AN960C10L	**WASHER
24		**1	**D4095-051	**WEARSHOE (REPLACES D3564-13)
20		*1	*D3391-023	*412 MID TUBE
28		**20	**AELS-1032-130	**INSERT (REPLACES NAS1330S3KB116)
30		*1	*D3391-025	*412 AFT TUBE
25		**1	*D4095-049	**WEARPAD (REPLACES D3537-1)
26		**1	*D4095-047	**WEARPAD (REPLACES D3537-7)
31		**1	**D2646	**AFT CAP
32		**14	**AELS-1032-130	**INSERT
36		**8	**AELS-1032-225	**INSERT (REPLACES NAS1330S3KB366)
37A		**6	**AN3C4A	**BOLT
37B		**4	**AN3C5A	**BOLT
38A		**2	**D3672-1	**WASHER (REPLACES NAS1515H3L)
38B		**10	**AN960C10L	**WASHER

(CONTINUED ON PAGE 20)

Revision: E

Date: 11.10.19

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IIN-D412-742

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(CONTINUED FROM PAGE 19)

ltem	Qty -013	Qty -043	Part Number	Description
40	1 1	-040	D2571	SADDLE, FWD OUTSIDE
41	1		D2572	SADDLE, TWO GOTSIDE
42	1		D2573	SADDLE, IT WO INSIDE
43	. 1		D2574	SADDLE, AFT INSIDE
44	. 2		D2876	SADDLE SPACER
45	2		D2877	SADDLE SPACER
46A	. 8		D3403-1	BUSHING
46B	8	-	D3403-5	BUSHING
47A	4		D2747	SET SCREW
47B	. 2		D3533-1	SET SCREW
48	. 16		AN4C6A	BOLT
49A	4		AN4C52A	BOLT
49B	/ 4		AN4C53A	BOLT
50	- 8		AN6C12A	BOLT
51A	/ 32		D3672-3	WASHER (REPLACES NAS1515H4L)
51B	/32		AN960C416L	WASHER
52A	/ 8	·	D3672-9	WASHER (REPLACES NAS1515H6L)
52B /	- 8		AN960C616L	WASHER
53 5	2 8		D3672-11	WASHER (REPLACES NAS1515H7L)
54	24		MS21043-4	NUT
55	4-		AN4C7A	BOLT
56	2		D3591-1	BUSHING
60	8		D3403-3	BUSHING
61	11		D3405-041	GHW LUG
62	7 1	1	D3405-043	GHW LUG
63	/4		AN4C47A	BOLT
64	7.4		MS21043-4	NUT
		-		
70	/ 1		D3407-041-	TOW RING
71	2		D3417-3	WASHER
72	7 1		MS21043-4	NUT
73	/ 1		D3456-1	WASHER
91	11		AN3C37A	BOLT
92	7.1		AN3C40A	BOLT
93	7.1		AN3C41A	BOLT
94	· 1		AN3C42A	BOLT
95	' 4		AN3C43A	BOLT
97	7 5		AN3C46A	BOLT
99	/ 26	-	AN960C10L -	WASHER
100	13		MS21043-3	NUT

*DENOTES PART IS INCLUDED WITH D3391-043 ASSEMBLY ABOVE **DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

Revision: E

Date: 11.10.19

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742 REV. E
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742 REV. 4
REFERENCE ONLY

REF. FAA STC: SR01583SE REF. CANADIAN STC: SH05-37 REF. EASA STC: EASA.IM.R.S.01126

PURPOSE

For D412-742-011/-013 Float Skidtube Installations, qty(4) AN4C53A bolts may be replaced with qty(4) AN4C52A bolts. Kits may be supplied from Dart with either AN4C52A or AN4C53A bolts.

Note that it is acceptable to use longer or shorter AN4C bolts than those specified, as long as there is a minimum of 1.5 threads in safety.

CHANGE

The parts lists of Installation Instructions IIN-D412-742 Rev. E and Instructions for Continued Airworthiness ICA-D412-742 Rev. 4 is amended as follows:

5.1 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List (IIN-D412-742)32.18 D412-742-011 (PMA/OEM) Float Skidtube Installation Parts List (ICA-D412-742)

Item		Qty -041	Part Number	Description
	X		D412-742-011	FLOAT SKIDTUBE INSTALLATION

IS:

49B	1 1	j i	1 1	AN4C53A	POLT			
1,00	_	1	·'	74 44 C J J J A	BOLT			
1		1	1 1/	OR AN4C52A				
		<u> </u>	L I'	OR AN4C52A				

WAS:

			·
49B	4	AN4C53A	BOLT

5.2 D412-742-013 (APICAL TRI-BAG) Float Skidtube installation Parts List (IIN-D412-742)
32.19 D412-742-013 (APICAL TRI-BAG) Float Skidtube Installation Parts List (ICA-D412-742)

		Qty -043	Part Number	Description
L	Х		D412-742-013	FLOAT SKIDTUBE INSTALLATION

IS:

49B	4	AN4C53A	BOLT
		OR AN4C52A	

WAS:

49B	4	AN4C53A	BOLT

Α	NEW I	SSUE		CP	12.02.28			
REV.			DESCRIPTION	BY	DATE			
DESIGN Q2			DART AEROSP	DART AEROSPACE USA, INC				
DRAWN	DRAWN		KENT		,			
CHECKE	CHECKED		DRAWING NO.		REV. A			
MFG. AF	MFG. APPR.		DSI 9600		SHEET 1 OF 1			
APPRO\	/ED	UNA	TITLE		SCALE			
DE APPR.			BOLT SUBSTITUTION		NTS			
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